

## WEST Search History





DATE: Tuesday, February 15, 2005

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
	<i>DB=PGPB; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L22	US-20040035444-A1.did.	1
<input type="checkbox"/>	L21	US-20040136770-A1.did.	1
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L20	muhr-sweeney.inv.	6
<input type="checkbox"/>	L19	L18 and (inserting or feeding)	15
<input type="checkbox"/>	L18	L16 and adhesive	82
<input type="checkbox"/>	L17	L16 and adhesive	82
<input type="checkbox"/>	L16	(computer mouse) and cleaning	285
<input type="checkbox"/>	L15	L14 and decontaminating	14
<input type="checkbox"/>	L14	L13 and adhesive	51
<input type="checkbox"/>	L13	L12 and (base or web or material) and inserting and contacting	95
<input type="checkbox"/>	L12	L11 and (cleaning apparatus)	2942
<input type="checkbox"/>	L11	printer or (smart card readers) or (magnetic readers) or ((reading or writing or scan) and head)or (r/w/s heads)	790873
<input type="checkbox"/>	L10	universal cleaning card	3
<input type="checkbox"/>	L9	L8 and (aluminum oxide)	11
<input type="checkbox"/>	L8	L7 and feeding	38
<input type="checkbox"/>	L7	L6 and (internal or inside)	167
<input type="checkbox"/>	L6	L5 and ((adhesive substrate) or (cleaning substrate))	304
<input type="checkbox"/>	L5	cleaning and ((electronic equipment) or printer)	40006
<input type="checkbox"/>	L4	cleaning and((electronic equipment) or printer) and adhesive	0
<input type="checkbox"/>	L3	cleaning and decontamination and (electronic equipment)	0
<input type="checkbox"/>	L2	cleaning and decontamination and ((electronic equipment) or printer)	0
	<i>DB=USPT; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L1	6618890.pn.	1

END OF SEARCH HISTORY

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[Generate OACS](#)

### Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 20040136770 A1

Using default format because multiple data bases are involved.

L20: Entry 1 of 6

File: PGPB

Jul 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040136770

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040136770 A1

TITLE: Dual cleaning apparatus

PUBLICATION-DATE: July 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Muhr-Sweeney</u> , Audrey	Huntington	NY	US	

US-CL-CURRENT: 401/23; 401/17

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 2. Document ID: US 20040035444 A1

L20: Entry 2 of 6

File: PGPB

Feb 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040035444

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040035444 A1

TITLE: Universal cleaning apparatus

PUBLICATION-DATE: February 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Muhr-Sweeney</u> , Audrey	Huntington	NY	US	

US-CL-CURRENT: 134/6; 134/8, 15/104.002

ABSTRACT:

A cleaning apparatus for cleaning and decontaminating the internal working components of a piece of electronic equipment along a predetermined media path

h e b b g e e e f e h e f b e

includes a base material having first and second surfaces. The apparatus also includes a cleaning substrate disposed on the first surface for cleaning at least one internal working component of the electronic equipment; and an adhesive substrate disposed on one of the first and second surfaces for decontaminating at least one internal working component of the electronic equipment. The present disclosure also relates to a method for cleaning and decontaminating the internal working components of a piece of electronic equipment along a predetermined media path which includes the steps of: 1) providing a base material having first and second surfaces, the base material having a cleaning substrate disposed on the first surface and an adhesive substrate disposed on the second surface; 2) inserting the base material into the electronic equipment along the predetermined media path; and 3) moving the base material through the predetermined media path such that the cleaning substrate cleans and polishes at least one internal working component of the electronic equipment and the adhesive substrate decontaminates at least one internal working component of the electronic equipment.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Use
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### 3. Document ID: US 20020112300 A1

L20: Entry 3 of 6

File: PGPB

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020112300

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020112300 A1

TITLE: Universal cleaning apparatus

PUBLICATION-DATE: August 22, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Muhr-Sweeney, Audrey	Huntington	NY	US	

US-CL-CURRENT: 15/104.002; 15/104.93, 15/105, 15/210.1, 15/DIG.12, 428/42.3, 451/526

## ABSTRACT:

A cleaning apparatus for cleaning and decontaminating the internal working components of a piece of electronic equipment along a predetermined media path includes a base material having first and second surfaces. The apparatus also includes a cleaning substrate disposed on the first surface for cleaning at least one internal working component of the electronic equipment; and an adhesive substrate disposed on one of the first and second surfaces for decontaminating at least one internal working component of the electronic equipment. The present disclosure also relates to a method for cleaning and decontaminating the internal working components of a piece of electronic equipment along a predetermined media path which includes the steps of: 1) providing a base material having first and second surfaces, the base material having a cleaning substrate disposed on the first surface and an adhesive substrate disposed on the second surface; 2) inserting the base material into the electronic equipment along the predetermined media path; and 3) moving the base material through the predetermined media path such that the cleaning substrate cleans and polishes at least one internal working

component of the electronic equipment and the adhesive substrate decontaminates at least one internal working component of the electronic equipment.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWNC	Draw D
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☐ 4. Document ID: US 6618890 B2

L20: Entry 4 of 6

File: USPT

Sep 16, 2003

US-PAT-NO: 6618890

DOCUMENT-IDENTIFIER: US 6618890 B2

TITLE: Universal cleaning apparatus

DATE-ISSUED: September 16, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Muhr-Sweeney; Audrey	Huntington	NY	11743	

US-CL-CURRENT: 15/104.002; 15/210.1, 428/343, 428/354, 451/326, 451/461

ABSTRACT:

A cleaning apparatus for cleaning and decontaminating the internal working components of a piece of electronic equipment along a predetermined media path includes a base material having first and second surfaces. The apparatus also includes a cleaning substrate disposed on the first surface for cleaning at least one internal working component of the electronic equipment; and an adhesive substrate disposed on one of the first and second surfaces for decontaminating at least one internal working component of the electronic equipment. The present disclosure also relates to a method for cleaning and decontaminating the internal working components of a piece of electronic equipment along a predetermined media path which includes the steps of: 1) providing a base material having first and second surfaces, the base material having a cleaning substrate disposed on the first surface and an adhesive substrate disposed on the second surface; 2) inserting the base material into the electronic equipment along the predetermined media path; and 3) moving the base material through the predetermined media path such that the cleaning substrate cleans and polishes at least one internal working component of the electronic equipment and the adhesive substrate decontaminates at least one internal working component of the electronic equipment.

14 Claims, 6 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWNC	Draw D
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☐ 5. Document ID: US 20040136770 A1

L20: Entry 5 of 6

File: DWPI

Jul 15, 2004

DERWENT-ACC-NO: 2004-552325

DERWENT-WEEK: 200453

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TITLE: Apparatus useful in electronic devices e.g. rollers, printers, copiers and optic sensors comprises an elongated body portion having different cleaning solutions at its two ends

INVENTOR: MUHR-SWEENEY, A

PRIORITY-DATA: 2003US-438871P (January 9, 2003), 2003US-0383375 (March 7, 2003)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 20040136770 A1</u>	July 15, 2004		015	B05C001/00

INT-CL (IPC): B05 C 1/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RMK	Drawn Up
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☐ 6. Document ID: US 20040035444 A1, WO 200067924 A1, AU 200048403 A, EP 1183109 A1, US 20020112300 A1, US 6618890 B2

L20: Entry 6 of 6

File: DWPI

Feb 26, 2004

DERWENT-ACC-NO: 2001-031820

DERWENT-WEEK: 200416

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TITLE: Universal cleaning apparatus for electronic equipment, disposes adhesive substrate on one of surfaces of base material for decontaminating internal working component

INVENTOR: MUHR-SWEENEY, A

PRIORITY-DATA: 1999US-133444P (May 11, 1999), 1999US-133443P (May 11, 1999), 2001US-0039437 (November 9, 2001), 2003US-0644471 (August 20, 2003)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 20040035444 A1</u>	February 26, 2004		000	B08B007/00
<u>WO 200067924 A1</u>	November 16, 2000	E	028	B08B007/00
<u>AU 200048403 A</u>	November 21, 2000		000	
<u>EP 1183109 A1</u>	March 6, 2002	E	000	B08B007/00
<u>US 20020112300 A1</u>	August 22, 2002		000	B08B007/00
<u>US 6618890 B2</u>	September 16, 2003		000	B08B007/00

INT-CL (IPC): B08 B 7/00; B32 B 9/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RMK	Drawn Up
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Term	Documents
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MUHR-SWEENEYS	0
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(MUHR-SWEENEY.INV.).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	6

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<input type="checkbox"/>	L18	L16 and adhesive	82
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<input type="checkbox"/>	L16	(computer mouse) and cleaning	285
<input type="checkbox"/>	L15	L14 and decontaminating	14
<input type="checkbox"/>	L14	L13 and adhesive	51
<input type="checkbox"/>	L13	L12 and (base or web or material) and inserting and contacting	95
<input type="checkbox"/>	L12	L11 and (cleaning apparatus)	2942
<input type="checkbox"/>	L11	printer or (smart card readers) or (magnetic readers) or ((reading or writing or scan) and head) or (r/w/s heads)	790873
<input type="checkbox"/>	L10	universal cleaning card	3
<input type="checkbox"/>	L9	L8 and (aluminum oxide)	11
<input type="checkbox"/>	L8	L7 and feeding	38
<input type="checkbox"/>	L7	L6 and (internal or inside)	167
<input type="checkbox"/>	L6	L5 and ((adhesive substrate) or (cleaning substrate))	304
<input type="checkbox"/>	L5	cleaning and ((electronic equipment) or printer)	40006
<input type="checkbox"/>	L4	cleaning and ((electronic equipment) or printer) and adhesive	0
<input type="checkbox"/>	L3	cleaning and decontamination and (electronic equipment)	0
<input type="checkbox"/>	L2	cleaning and decontamination and ((electronic equipment) or printer)	0
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END OF SEARCH HISTORY

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### Search Results - Record(s) 11 through 14 of 14 returned.

☐ 11. Document ID: US 20030170357 A1

Using default format because multiple data bases are involved.

L15: Entry 11 of 14

File: PGPB

Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030170357

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030170357 A1

TITLE: Processing meat products responsive to customer orders

PUBLICATION-DATE: September 11, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Garwood, Anthony J.M.	Mercer Island	WA	US	

US-CL-CURRENT: 426/392; 705/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWNC	Drawings
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☐ 12. Document ID: US 20030165602 A1

L15: Entry 12 of 14

File: PGPB

Sep 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030165602

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030165602 A1

TITLE: Labeling, marking and pricing of meat products

PUBLICATION-DATE: September 4, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Garwood, Anthony J.M.	Mercer Island	WA	US	

US-CL-CURRENT: 426/392

## ABSTRACT:

Processing and packaging for perishable goods, such as beef, in a conduit wherein oxygen is substantially excluded and suitable gases such as carbon dioxide are



provided at a suitable pressure and in such a manner as to increase the quantity of the gases dissolved in the perishable goods to extend the shelf life of the goods and decontaminate the goods.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Ds
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☐ 13. Document ID: US 20030152679 A1

L15: Entry 13 of 14

File: PGPB

Aug 14, 2003

PGPUB-DOCUMENT-NUMBER: 20030152679

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030152679 A1

TITLE: Continuous production and packaging of perishable goods in low oxygen environments

PUBLICATION-DATE: August 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Garwood, Anthony J.M.	Mercer Island	WA	US	

US-CL-CURRENT: 426/392

ABSTRACT:

Processing and packaging for perishable goods, such as beef, in a conduit wherein oxygen is substantially excluded and suitable gases such as carbon dioxide are provided at a suitable pressure and in such a manner as to increase the quantity of the gases dissolved in the perishable goods to extend the shelf life of the goods and decontaminate the goods.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Ds
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☐ 14. Document ID: US 5046289 A

L15: Entry 14 of 14

File: USPT

Sep 10, 1991

US-PAT-NO: 5046289

DOCUMENT-IDENTIFIER: US 5046289 A

TITLE: System and method for cleaning the inner surface of tubular members

DATE-ISSUED: September 10, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bengel; Thomas G.	Plum Boro	PA		
Ray; Edward A.	Plum Boro	PA		

Miller; Phillip E.	Greensburg	PA
Bauer; Frank I.	Perry	PA
Sejvar; James	Murrysville	PA

US-CL-CURRENT: 451/76; 15/104.05, 15/104.09, 15/104.095, 451/51, 451/75

## ABSTRACT:

System and method for abrading radioactive contaminants from the inside surface of a pipe. The system includes a nozzle block capable of mixing a liquid and an abrasive grit into a suitable liquid-abrasive grit cleaning composition and impinging the cleaning composition against the inside surface of the pipe. The system further includes an inflatable torus-shaped seal for confining the liquid-abrasive grit cleaning composition to a predetermined portion of the inside surface of the pipe so that substantially all of the contaminants and cleaning composition can be suitably vacuumed from the surface.

15 Claims, 12 Drawing figures  
Exemplary Claim Number: 1  
Number of Drawing Sheets: 10

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KIMC	Draw De
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Term	Documents
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(L14 AND DECONTAMINATING ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	14

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L9: Entry 3 of 11

File: PGPB

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020112300  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020112300 A1

TITLE: Universal cleaning apparatus

PUBLICATION-DATE: August 22, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Muhr-Sweeney, Audrey	Huntington	NY	US	

APPL-NO: 10/ 039437 [\[PALM\]](#)  
DATE FILED: November 9, 2001

## RELATED-US-APPL-DATA:

Application 10/039437 is a continuation-of US application PC/T/US00/12926, filed May 11, 2000, UNKNOWN  
Application is a non-provisional-of-provisional application 60/133444, filed May 11, 1999,  
Application is a non-provisional-of-provisional application 60/133443, filed May 11, 1999,

INT-CL: [07] B08 B 7/00, B32 B 9/00

US-CL-PUBLISHED: 15/104.002; 428/42.3, 15/105, 15/210.1, 15/104.93, 15/DIG.012, 451/526  
US-CL-CURRENT: 15/104.002; 15/104.93, 15/105, 15/210.1, 15/DIG.12, 428/42.3, 451/526

REPRESENTATIVE-FIGURES: 3

## ABSTRACT:

A cleaning apparatus for cleaning and decontaminating the internal working components of a piece of electronic equipment along a predetermined media path includes a base material having first and second surfaces. The apparatus also includes a cleaning substrate disposed on the first surface for cleaning at least one internal working component of the electronic equipment; and an adhesive substrate disposed on one of the first and second surfaces for decontaminating at least one internal working component of the electronic equipment. The present disclosure also relates to a method for cleaning and decontaminating the internal working components of a piece of electronic equipment along a predetermined media path which includes the steps of: 1) providing a base material having first and second surfaces, the base material having a cleaning substrate disposed on the first surface and an adhesive substrate disposed on the second surface; 2) inserting the base material into the electronic equipment along the predetermined

media path; and 3) moving the base material through the predetermined media path such that the cleaning substrate cleans and polishes at least one internal working component of the electronic equipment and the adhesive substrate decontaminates at least one internal working component of the electronic equipment.

## CROSS REFERENCE TO RELATED APPLICATIONS

[0001] This application claims the benefits of and priority to U.S. Provisional Patent Applications Serial No. 60/1133,444 entitled "CLEAN LEADER CARD" and No. 60/133,443 entitled "UNIVERSAL CLEANING CARD" both of which were filed on May 11, 1999 by Audrey Muhr-Sweeney, the entire contents of each of these applications are hereby incorporated by reference.

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L9: Entry 3 of 11

File: PGPB

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020112300

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020112300 A1

TITLE: Universal cleaning apparatus

PUBLICATION-DATE: August 22, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Muhr-Sweeney, Audrey	Huntington	NY	US	

US-CL-CURRENT: 15/104.002; 15/104.93, 15/105, 15/210.1, 15/DIG.12, 428/42.3, 451/526

## CLAIMS:

What is claimed is:

1. A cleaning apparatus for cleaning and decontaminating the internal working components of a piece of electronic equipment along a predetermined media path, comprising: a base material having first and second surfaces; a cleaning substrate disposed on said first surface for cleaning at least one internal working component of the electronic equipment; and an adhesive substrate disposed on one of said first and second surfaces for decontaminating at least one internal working component of the electronic equipment.
2. A cleaning apparatus according to claim 1 wherein said cleaning substrate is selected from the group consisting of: aluminum oxide, calcined alumina, cerium oxide, chromium oxide, diamond, ferrous oxide, silicon carbide, silicon dioxide and cubic boron nitrate minerals.
3. A cleaning apparatus according to claim 1 wherein said base material includes a lapping film.
4. A cleaning apparatus according to claim 1 wherein said cleaning substrate and said adhesive substrate are disposed on at least the same surface.
5. A cleaning apparatus according to claim 4 wherein said cleaning substrate and said adhesive substrate are disposed on said first surface in strips in an alternating manner.
6. A cleaning apparatus according to claim 1 wherein said base material is semi-compliant.
7. A cleaning apparatus according to claim 1 wherein said base material is dimensioned in the shape of a data-carrying card.

8. A cleaning apparatus according to claim 1 wherein said adhesive substrate includes a first adhesive for adhering to said at least one surface of said base material and a second adhesive for decontaminating said internal working components as said cleaning apparatus moves along the predetermined media path.
9. A cleaning apparatus according to claim 1 wherein a first side of said adhesive substrate is thermally incorporated onto said at least one surface of said base material and a second side of said adhesive substrate includes an adhesive for decontaminating said internal working components as said cleaning apparatus moves along the predetermined media path.
10. A cleaning apparatus according to claim 1 wherein said adhesive substrate is selected from the group consisting of: pressure sensitive adhesives, contact adhesives, aerosol adhesives, epoxies, solvent-based adhesives, water-based adhesives, curing adhesives, cyanoacrylate adhesives, heat-activated & heat re-activated adhesives and cohesive adhesives.
11. A cleaning apparatus according to claim 1 wherein one of said adhesive substrate and said cleaning substrate is disposed over an edge of said base material.
12. A method for cleaning and decontaminating the internal working components of a piece of electronic equipment along a predetermined media path comprising the steps of: 1) providing a base material having first and second surfaces, said base material having a cleaning substrate disposed on said first surface and an adhesive substrate disposed on said second surface; 2) inserting said base material into the electronic equipment along the predetermined media path; and 3) moving said base material through said predetermined media path such that said cleaning substrate cleans and polishes at least one internal working component of the electronic equipment and said adhesive substrate decontaminates at least one internal working component of the electronic equipment.
13. A method according to claim 12 wherein at least one of said first surface and second surfaces of said base material of said providing step includes both a cleaning substrate and an adhesive substrate.
14. A method according to claim 12 wherein said adhesive substrate of said providing step includes a first adhesive for adhering said adhesive substrate to said base material and a second adhesive for decontaminating the internal working components of the electronic equipment.
15. A method according to claim 12 wherein said base material of said providing step is selected from the group consisting of: aluminum oxide, calcined alumina, cerium oxide, chromium oxide, diamond, ferrous oxide, silicon carbide, silicon dioxide cubic boron nitrate minerals.
16. A method according to claim 12 further comprising the steps of: 4) removing said base material from the electronic equipment; 5) reorienting said base material such that the other of said first and second surfaces is oriented to contact at least one additional internal working component of the electronic equipment; and 6) moving said base material through said predetermined media path such that one of said cleaning substrate and said adhesive substrate contacts said at least one additional internal working component of the electronic equipment.
17. A cleaning apparatus for cleaning and decontaminating the internal working components of a piece of electronic equipment along a predetermined media path, comprising: a base material having first and second surfaces; a cleaning substrate disposed on said first surface for cleaning at least one internal working component

of the electronic equipment; and a first adhesive substrate disposed on said first surface for decontaminating at least one internal working component of the electronic equipment; and a second adhesive substrate disposed on said second surface for adhering said base material to a roll of stock used with the electronic equipment.

18. A cleaning apparatus according to claim 17 wherein a plurality of said base material is adhered to said stock at varying locations.

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